The entire GROVE GEAR team is committed to providing superior customer service and engineering support, exceptional design, manufacturing quality, competitive pricing and one of the best lead times in the industry. Our focus on quality, combined with our state-of-the-art machinery, software, quality assurance systems and testing equipment, has positioned us as a leading solutions provider in today’s fast-paced industrial environment.

Product Support is Just a Click Away

- Search product by serial number or model number
- Select Grove Gear worm products by center distance, ratio, assembly or style
- View dimensions
- Download 2D and 3D CAD files
- Compare products to optimize selection
- Request a quote online

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www.grovegear.com

Grove Gear

A Team Dedicated to Customer Satisfaction

A Regal Brand

Gear Reducers, Integral Gearmotors and Gear+Motors

1524 15th Avenue
Union Grove, Wisconsin  53182
PH: 262-878-1221
FAX: 262-878-1968
grovegear.com

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Interchangeability
Replace all major brands

Quality
Superior Design and Precision Manufacturing

Reliability
Trust your partners with over 10,000,000 gear reducers installed worldwide.

www.grovegear.com

GR Series Worm Gear Reducers
- All sizes available with ratings to 104 HP.
- Available in single, double and triple reduction with ratios from 5:1 to 216,000:1.
- Premium Viton® double-lip seals throughout provide lifelong life and resistance to high temperatures, abrasion and chemicals.
- Cast iron.

EL Series Worm Gear Reducers
- Six sizes available to 29 HP.
- Available in single, double and triple reduction with ratios from 5:1 to 126,000:1.
- Clean, polished and paint-free finish.
- Lightweight alternative to cast iron.
- Available pre-assembled with LEESON motors for the perfect GEAR+MOTOR™ package.

SS Series Worm Gear Reducers
- Six sizes available with ratings to 10 HP.
- Available in single, double and triple reduction with ratios from 5:1 to 216,000:1.
- 316 stainless steel housing and covers.
- 303 stainless steel output shaft.
- Available pre-assembled with LEESON motors for the perfect GEAR+MOTOR™ package.

E Series High Efficiency Reducers
- Four sizes available with ratings to 27 HP.
- Available in single, double and triple reduction with ratios from 8.8 to 5:1.
- 65% more torque than a typical worm gear reducer.
- Opportunity to downsize motor and gear reducer.

High Efficiency Reducers
- Nine sizes of inline reducers with ratios from 2.2 to 270:1.
- Six sizes of helical-bevel reducers with ratios from 4:1 to 200:1.
- Four sizes of helical-worm reducers with ratios from 7:1 to 500:1 and ratings to 17 HP.

The R2000® High Efficiency products have a modular design.

Ratio Multipliers
- Three sizes available in cast iron with ratios to 20 HP and ratios 2.1 to 7:1.
- Two sizes available in stainless steel with ratios to 6:1 and ratios from 2.1 to 7:1.
- One size available in stainless steel with ratios to 4.7 HP and ratios from 2.1 to 7:1.

WASHGUARD® Gear Reducers
- Four sizes available in single, double and triple reduction with ratios from 5:1 to 126,000:1.
- Helical-worm reducers from 2.5 to 600:1.
- Helical-bevel reducers from 2.5 to 126,000:1.
- Stainless steel shafts and hardware available.
- Available pre-assembled with LEESON motors for the perfect GEAR+MOTOR™ package.

Custom Solutions
- Unmatched manufacturing facilities provide low cost solutions for your gearing needs.
- From in-house design to elaborate transmissions, Grove Gear can solve the toughest transmission needs.

Reusable parts when possible are used to reduce costs.
- Standard parts are used in the industry — from simple inverter duty and vector duty motors to NEMA and PTO.

Package Solutions
- Pressurized GEAR+MOTOR™ packages are in-house specialty.
- Performance matched GEAR+MOTOR® motors available at any Grove Gear reducer.
- Thousands of speed and torque combinations available from stock.

Bravo® and LeCentric® Aluminum Gear Reducers
- Bravo® worm reducers available in six sizes with ratings to 7.5 HP and in ratios from 7.1 to 180:1.
- LeCentric® inline reducers available in four sizes with ratios up to 13 HP and in ratios from 3.5:1 to 280:1.
- In multiple sizes. Up to one third smaller than other brands.
- Mounting dimensions are interchangeable with most major worldwide brands.

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Bravo® and LeCentric® Aluminum Gear Reducers
- Bravo® worm reducers available in six sizes with ratings to 7.5 HP and in ratios from 7.1 to 180:1.
- LeCentric® inline reducers available in four sizes with ratios up to 13 HP and in ratios from 3.5:1 to 280:1.
- In multiple sizes. Up to one third smaller than other brands.
- Mounting dimensions are interchangeable with most major worldwide brands.

WASHGUARD® Gear Reducers
- Four sizes available in single, double and triple reduction with ratios from 5:1 to 126,000:1.
- Helical-worm reducers from 2.5 to 600:1.
- Helical-bevel reducers from 2.5 to 126,000:1.
- Stainless steel shafts and hardware available.
- Available pre-assembled with LEESON motors for the perfect GEAR+MOTOR™ package.

Custom Solutions
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- From in-house design to elaborate transmissions, Grove Gear can solve the toughest transmission needs.

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A Multitude of Applications

Chemicals
Processing
Meat
Car Wash
Food Processing
Conveyors
Specialty Lifts
Communication
Solar Power
Dairy
Medical
Bottling
GR Series Worm Gear Reducers

- Sizes available with ratings to 104 HP.
- Available in single, double and triple reduction with ratios from 5:1 to 216,000:1.
- Premium Viton® double-lip seals throughout provide long life and resistance to high temperatures, abrasion and chemicals.
- Factory filled with premium Mobil Glygoyle 460 polyalkalene glycol lubricant.

E Series High Efficiency Reducers

- Four models replace 10 typical worm gear reducer centers.
- Flap-in shafts and mounting accessories create hundreds of style combinations.
- 10% operating efficiency.
- Rapid payback through energy cost savings.

High Efficiency Reducers

- Four sizes of inline reducers with ratios from 2.2 to 3700:1.
- Six sizes of helical-bevel reducers with ratios from 4:1 to 20:1.
- Four sizes of helical-worm reducers with ratios from 7:1 to 20:1 and ratings to 17 HP.
- The IRONMAN® High Efficiency products have a modular design.

Ratio Multipliers

- Three sizes available in cast iron with ratios to 20 HP and ratios from 2:1 to 7.1:1.
- Two sizes available in aluminum with ratios to 6:1 and ratios from 2:1 to 7.1:1.
- One size available in stainless steel with ratios to 4.7:1 and ratios from 2:1 to 7.5:1.

WASHGUARD® Gear Reducers

- Fourteen sizes available in single, double and triple reduction with ratios from 5:1 to 216,000:1.
- Helical Inline, Helical-Worm, Helical-Bevel and Parallel Shaft Drives available.
- Factory filled with premium Mobil Glygoyle 460 polyalkalene glycol lubricant—meets USDA Class H1 standards.

Bravo® and LeCentric® Aluminum Gear Reducers

- Bravo® worm reducers available in four sizes with ratings to 7.5 HP and in ratios from 7:1 to 600:1.
- LeCentric® inline reducers available in four sizes with ratings to 15 HP and in ratios from 3.5:1 to 280:1.
- seals for life, never change or add oil.
- Lightweight GMG design suitable for mobile equipment and difficult installations.
- Mounting dimensions are interchangeable with most major worldwide brands.

Custom Solutions

- Unmatched manufacturing facilities provide low cost solutions for your gearing needs.
- From application review and design to manufacturing and testing, a quality-based partnership is assured with Grove Gear.

www.grovegear.com
GR Series Worm Gear Reducers

- Premium sizes available with ratings to 104 HP.
- Available in single, double and triple reduction with ratios from 5:1 to 216,000:1. Helical worm ratios from 25:1 to 600:1.
- Premium Vites® double-seal lips throughout provide long life and resistance to high temperatures, abrasion and chemicals.
- Factory-filled with premium Mobil Glygoyle 460 polyalkalene glycol lubricant.
- N6 Series features a compact housing design fit to reduce space allocations.
- Lower cost alternative to stainless steel.
- Stainless steel housing and features.
- Factory filled with premium Mobil Glygoyle 460 polyalkalene glycol lubricant.
- Vites® double seal.
- Stainless steel housing and covers.
- SS3 stainless steel output shaft.
- Available pre-assembled with LEESON motors for the perfect GEAR+MOTOR® package.
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Download
• Catalogs
• Shaft-hand assembly change procedures
• Instruction and maintenance manuals
• 2-D and 3-D CAD drawings
• Parts lists

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